

HD7300

720p **Finest** Picture Quality



Projector Plus Video Processor Equals the Finest in 720p Picture Quality

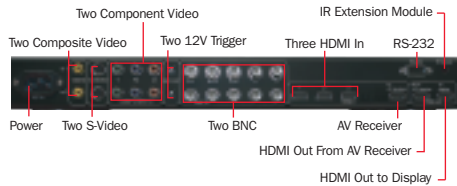
The Optoma HD7300 is a complete home projection system, including a top-of-the-line 720p DLP® projector and studio-quality imaging processor. Featuring Texas Instruments' DarkChip3™ technology, the HD7300 is a unique system that creates vibrant, vivid images that are rich in color and contrast. The HD7300's two-piece design delivers impressive, personalized adjustment settings to achieve deep blacks, high precision and amazing image quality.

- **Advanced 720p DarkChip3 DLP** technology by Texas Instruments
- **1000 lumens** and **5000:1 (full on/off) contrast ratio** delivers subtle details and vibrant images
- **4-way optical lens shift** (vertical and horizontal), allows for ease and precision during projector installation
- **Extensive connectivity** options through the image processor includes: three HDMI plus one external HDMI expansion, two BNC component YPbPr/RGBHV, two component, three s-video, three composite video, one VGA, RS-232, two 12V triggers and one IR port extension
- **10-bit video processing** and **advanced color enhancement**, including user definable gamma, RGBCYM 6-color, 16 region adjustments and ISFccc color setting
- **Single cable connection** between projector and image processor eliminates the need for multiple cables, simplifying the installation
- **Short throw lens** capable of projecting a 100" diagonal image from less than 10 feet

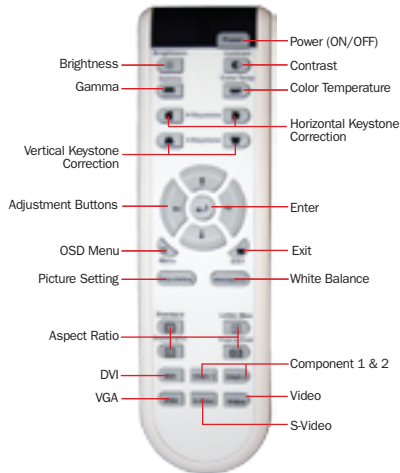


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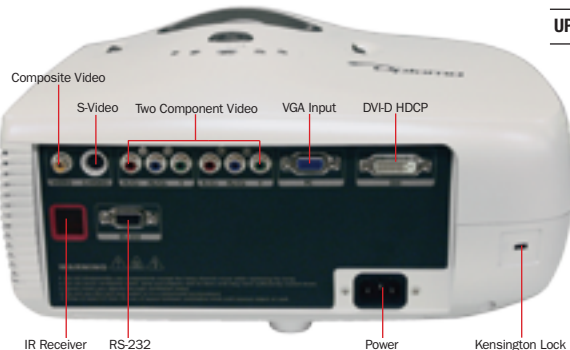
Video Processor



Remote Control



I/O Ports



Specifications

| | |
|--------------------------------|--|
| Display Technology: | Projector: Single 0.80" DarkChip3™ DLP® Technology by Texas Instruments Video Processor: Gennum VXP Solutions with 1080i HD De-Interlacing and Color Management |
| Resolution: | 720p (1280 x 720) |
| Maximum Resolution: | UXGA (1600 x 1200) |
| Contrast Ratio: | 5000:1 (Full On/Full Off) |
| Brightness (Typical): | 1000 Lumens |
| Aspect Ratio: | Projector: 16:9 Widescreen with Support for 4:3, Letterbox, 3-User Definable Video Processor: 16:9 Native, 4:3 Compatible, Letterbox, 3-User Definable |
| Image Processing: | Motion Adaptive 480i, 576i, 720p and 1080i De-Interlacing, 10-bit Image Processing, Advanced 3D Comb Filter, Three Presets Plus Three Programmable Display Formats, Advanced Noise Reduction and Sharpening |
| Color Management: | Projector: User Definable Gamma, RBGCM 6-Color 16-Region Adjustment, Three User Definable Modes Plus ISFccc Color Settings Video Processor: Studio-Grade CMS, 10-Step Gamma Enhancement, RBGCM 6-Color, 16-Region Adjustment |
| Computer Compatibility: | SXGA, XGA, SVGA, VGA, VESA, Macintosh and PC Compatible |
| Video Compatibility: | Full NTSC/PAL/SECAM, True HDTV (720p, 1080i/p) & 480i/p, 576i/p |
| Projection Lens: | f=24.0 – 30.1 mm, F/2.36-2.50 |
| Throw Ratio: | 1.30 – 1.62:1 (Distance/Width) |
| Image Size (Diagonal): | 30" to 300" (0.76 to 7.62 m) |
| Projection Distance: | 4.92' to 37.40' (1.5 to 11.4 m) |
| HSync: | 15-75kHz |
| VSyn: | 48-85Hz |
| Lamp Type: | 250W UHP |
| Lamp Life (STD/ECO): | 2000/3000 Hours |
| Keystone Correction: | Horizontal and Vertical |
| I/O Connectors: | Projector: DVI-D w/HDCP, Two Component Video, Composite Video (RCA), S-Video, RGB, RS-232, Dual IR Receivers Video Processor: Three HDMI Plus One External HDMI Expansion, Two BNC Component YPbPr/RGBHV, Two Component Video, Two S-Video, Two Composite Video, One VGA, RS-232, Two 12V Triggers, One IR Port Expansion |
| Noise Level (STD/ECO): | 33dB/31dB |
| Weight: | Projector: 14 lbs (6.2 kg) Video Processor: 9.2 lbs (4.2 kg) |
| Dimensions (W x H x D): | Projector: 13.5" x 5.6" x 12.5" (342 x 144 x 320 mm) Video Processor: 17" x 2.5" x 12" (431.8 x 63.5 x 304.8 mm) |
| Remote Control: | Fully Featured Remote with Laser Pointer |
| Power Supply: | AC Input 100 to 240 Volts, 50-60 Hz |
| Power Consumption: | 370 Watts, <5 Watts in Standby Mode |
| Operating Temperature: | Operating: 23 - 95°F (-5 - 35°C), 80% Humidity (Max) Storage: -7 - 140°F (-20 - 60°C), 80% Humidity (Max) |
| Uniformity: | 90% |
| Security: | One Kensington® Lock Port |
| Standard Accessories: | AC Power Cord, DVI to HDMI Cable, S-Video Cable, Composite Cable, Remote Control, Lens Cap, Batteries for Remote, User's Manual, RS-232 Cable, IR Expansion Cable |
| Optional Accessories: | Ceiling Mount, GrayWolf™ Series Screens, Carrying Case and Gold Service Warranty |
| Warranty: | 3 Years Limited Parts and Labor, 90 Days on Lamp |
| UPC: | 796435 21 815 7 |



Available from:



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All Specifications are subject to change without notice.
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